

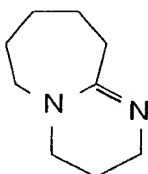
09/623,010

Technical Data Sheet

February 1997

1,8-Diazabicyclo- [5.4.0]undecene-7 (DBU)

Formula:..... $C_9H_{16}N_2$
 Molecular Weight 152.2
 Product Number 831541
 CAS Registry Number:.... 6674-22-2

**Description**

1,8-Diazabicyclo[5.4.0]undecene-7 (DBU) is a yellowish liquid, soluble in water, alcohols and other organic solvents.

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Product Specifications	Value	Test Method
Assay, % minimum	98.0	G.C.
Impurities:		
Water, % maximum	0.5	Karl Fischer

Physical Properties	
Melting point, °C	- 78
Boiling point @ 6 mbar, °C	100
Density @ 20°C, g/cm ³	1.02
Flash point, °C	116
Autoignition temperature, °C	260

Applications

Intermediate used as a:

- dehydrohalogenation agent
- urethane catalyst.

Packaging

Available in 419 lb (net weight) steel drums.

Storage & Handling

1,8-Diazabicyclo[5.4.0]undecene-7 (DBU) has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. Avoid contact with acids. This product is neither explosive, flammable, an oxidizer, corrosive nor spontaneously combustible in air. However, it does have an amine-like odor.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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